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**IN THE CLAIMS:**

Please amend claims 1-15 as follows. Appendix I is attached hereto having marked versions of said claims with amendments indicated by brackets and underlining.

1. (amended) Process for producing a sheetlike article comprising a single-layer homogenous matrix containing at least one active substance for controlled release of the at least one active substance to the vicinity of an application site, the at least one active substance being selected from crop protection agents, biocides, fertilizers, plant strengtheners, cosmetic active principles and fragrances, comprising the following temporally and spatially separate steps:

a) application of the at least one active substance to at least one of two layers, identical in composition, of a base material,

b) placement of the two base material layers atop one another so as to enclose the at least one active substance applied, and irreversible joining of the layers with the at least one active substance therebetween under pressure to form a laminate, and

c) storage of the laminate for predeterminable duration under defined conditions to effect migration of the at least one active substance into the base material layers and connection of the base material layers at their interfaces to form a single-layer homogenous matrix in which the at least one active substance is substantially uniformly distributed.

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2. (amended) Process according to Claim 1, wherein the at least one active substance is applied in step a) at a pressure  $\leq$  12 bar with metering.

3. (amended) Process according to Claim 1 or 2, wherein the pressure in step b) is from 2 to 10 bar.

4. (amended) Process according to Claim 1 or 2, wherein the storage of step c) is at a temperature of 15 to 30°C and the duration of the storage is at least 48 hours.

5. (amended) Process according to Claim 1 or 2, wherein the at least one active substance applied in step a) is in the form of a flowable medium having a viscosity of at least 1000 mPa.s.

6. (amended) Process according to Claim 5, wherein the at least one active substance applied in step a) contains auxiliaries.

7. (amended) Process according to Claim 1 or 2, wherein the application of the at least one active substance in step a) is continuous or intermittent.

8. (amended) Process according to Claim 1 or 2, wherein said matrix is self-adhesive.

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9. (amended) Process according to Claim 1 or 2, wherein the at least one active substance is volatile or thermally labile.

10. (amended) Process according to Claim 1 or 2, wherein the base material comprises at least one polymer selected from the group consisting of ethylene-vinyl acetate copolymer, styrene/butadiene/styrene block copolymer, styrene/isoprene/styrene block copolymer, polyisobutylene, polyacrylates, polymethacrylates, polyvinyl esters, polyamide, polyesters, cellulose derivatives and silicones.

11. (amended) Process according to Claim 1 or 2, wherein the at least one active substance is in admixture with a tackifying substance.

12. (amended) Process according to Claim 1 or 2, wherein the at least one active substance comprises a mixture of Z,E-9,12-tetradecadienol and Z,E-9,12-tetradecadien-1-yl acetate.

13. (amended) Process according to Claim 1 or 2, wherein the base material contains at least one of said active substances.

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14. (amended) Process according to Claim 1 or 2, wherein the at least one active substance is at least one of dimethoate, imidacloprid, fenpropidine, acephate and acetamiprid.

15. (amended) Process according to Claim 1 or 2, wherein in step a) the at least one active substance is applied to at least one of the layers as a pattern.

[Add the following claims:]

-- 16. Process according to Claim 3, wherein the pressure in step b) is from 3 to 5 bar.

17. Process according to Claim 4, wherein said temperature is 20 to 24°C.

18. Process according to Claim 15, wherein the pattern comprises stripes. --

#### IN THE ABSTRACT:

Please replace the abstract with the substitute abstract submitted on the following separate page.